

## SCHEDULING NOTE

**Title:** UPDATE ON RESEARCH AND TEST REACTORS INITIATIVES  
(Public Meeting)

**Purpose:** To provide an overview of the research and test reactors (RTR) licensing program, including the status of license renewals, domestic production of medical isotopes, and security.

**Scheduled:** December 16, 2014  
9:00 am

**Duration:** Approx. 3 hours

**Location:** Commissioners' Conference Room, 1<sup>st</sup> fl OWFN

**Participants:** **Presentation**

**External Panel** **35 mins.\***

**Thomas Newton, Ph. D.**, Chair, The National Organization of Test, Research and Training Reactors, Inc. (TRTR) and Director of Reactor Operations and Associate Director for Reactor Engineering, Massachusetts Institute of Technology 15 mins.\*  
Topic: Challenges facing the RTRs, including security, and successes and challenges associated with a completed RTR license renewal review associated with the MIT research reactor

**Gregory Piefer, Ph.D.**, Chief Executive Officer, SHINE Medical Technologies, Inc. 10 mins.\*  
Topic: Licensing activities for SHINE's medical isotope facility and current licensing status of SHINE's domestic production of Molybdenum-99 technology

**Ralph Butler**, Director, Missouri University Research Reactor (MURR) 10 mins.\*  
Topic: Status and challenges associated with an RTR license renewal review for MURR, which is currently under staff review

**Commission Q & A** **50 mins.**

**Break** **5 mins.**

**NRC Staff Panel**

**35 mins.\***

**Michael Johnson**, Acting Executive Director for Operations

**Lawrence Kokajko**, Director, Division of Policy and Rulemaking (DPR),  
Office of Nuclear Reactor Regulation (NRR)

Topic: Introduction and NRC organization structure for RTR regulation

**Alexander Adams, Jr.**, Branch Chief, RTR Licensing Branch, NRR/DPR

Topic: Current status of staff's efforts associated with RTR license renewal reviews, high-enriched to low-enriched uranium RTR conversions, and the RTR Streamlining Rule

**Steve Lynch**, Project Manager, RTR Licensing Branch, NRR/DPR

Topic: Current status of NRR staff efforts related to medical isotope production facility licensing actions

**John Adams**, Senior Level Advisor for Non-Power Reactors, NRR/DPR

Topic: RTR security activities

**Commission Q & A**

**50 mins.**

**Discussion – Wrap-Up**

**5 mins.**

\*For presentation only and does not include time for Commission Q & As